

**Immunohistochemical expression of EGFR in triple-negative breast cancer and its correlation with clinicopathological characteristics of these tumors**

*Thesis submitted in partial fulfillment of the M.D. degree in pathology*

*By*

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**Abstract**

**Background:**

Triple negative breast carcinomas (TNBCs) are a group of primary breast tumors with aggressive clinical behavior that have no targeted therapy at present. EGFR expression has recently come into focus as an index for molecular targeting therapy. Histologic sections that included variable subtypes and grades of TNBCs were studied by immunohistochemistry with EGFR, using a standard avidin–biotin–peroxidase system.

**Results:** Twenty two cases showed variable positive reactivity for EGFR (55% of total cases).

**Conclusions:** the level of EGFR expression was relatively high as most studies stated, and agreed with most studies about the statement that EGFR expression is associated with worse prognosis.

**Key Words:** Triple negative, TNBC, EGFR.